

Practitioner's Docket No. IOAP 4.1-1

CHAPTER II

#3

IN THE UNITED STATES ELECTED OFFICE (EO/US)

U.S. Application Serial No. 10/526,800

| INTERNATIONAL APPLICATION NO. | INTERNATIONAL FILING DATE | PRIORITY DATE CLAIMED |
|---|---------------------------|-----------------------|
| PCT/RU03/00410 | 18 SEPTEMBER 2003 | 30 SEPTEMBER 2002 |
| TITLE OF INVENTION HIGH VELOCITY METHOD FOR DEPOSITING DIAMOND FILMS FROM A GASEOUS PHASE IN SHF DISCHARGE PLASMA AND A PLASMA REACTOR FOR CARRYING OUT SAID METHOD | | |
| APPLICANT(S) INSTITUTE OF APPLIED PHYSICS RAS | | |

Mail Stop PCT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**COMPLETION OF FILING REQUIREMENTS
FOR INTERNATIONAL APPLICATION ENTERING U.S. NATIONAL STAGE
IN U.S. ELECTED OFFICE (EO/US) UNDER 35 U.S.C. § 371**

(check and complete the applicable item, if applicable)

- ☒ This replies to the Notice of Missing Requirements under 35 U.S.C. § 371 and 37 C.F.R. § 1.495 (FORM PCT/DO/EO/905). 923
- ☒ A copy of FORM PCT/DO/EO/905⁹²³ accompanies this response.

EXPRESS MAILING UNDER 37 C.F.R. § 1.10*

(Express Mail label number is mandatory.)

(Express Mail certification is optional.)

I hereby certify that this paper, along with any document referred to, is being deposited with the United States Postal Service on this date 19 SEPT 2005, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 as "Express Mail Post Office to Addressee" Mailing Label No. EQ 124510978 US

Tammi L. Taylor

(type or print name of person mailing paper)

Tammi L. Taylor

Signature of person certifying

WARNING: Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

***WARNING:** Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. 1.10(b).

"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

(Completion of Filing Requirements for International Application Entering U.S. Elected Office (EO/US)

[13-19]—page 1 of 1)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | |
|---|--|---|
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | ATTORNEY'S DOCKET NUMBER IOAP 4.1-1 U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/526,800 |
| INTERNATIONAL APPLICATION NO. PCT/RU03/00410 | INTERNATIONAL FILING DATE 18 SEPTEMBER 2003 | PRIORITY DATE CLAIMED 30 SEPTEMBER 2002 |
| TITLE OF INVENTION HIGH VELOCITY METHOD FOR DEPOSITING DIAMOND FILMS FROM A GASEOUS PHASE IN SHF DISCHARGE PLASMA AND A PLASMA REACTOR FOR CARRYING OUT SAID METHOD | | |
| APPLICANT(S) FOR DO/EO/US INSTITUTE OF APPLIED PHYSICS RAS | | |
| <p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <input type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. <input type="checkbox"/> The US has been elected (Article 31). <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> has been communicated by the International Bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). <p>Items 11 to 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. <input type="checkbox"/> A preliminary amendment. <input type="checkbox"/> An application Data Sheet under 37 CFR 1.76. <input type="checkbox"/> A substitute specification. <input type="checkbox"/> A power of attorney and/or change of address letter. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). | | |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | | | | |
|---|--------------|---|------------|--------------------------|--------------|
| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) | | INTERNATIONAL APPLICATION NO. | | ATTORNEY'S DOCKET NUMBER | |
| 10/526,800 | | PCT/RU03/00410 | | IOAP 4.1-1 | |
| 20. <input checked="" type="checkbox"/> Other items or information: An additional Search fee of \$400 is being paid in response to the Notification of Insufficient Fees (DO/EO/US), as well as the surcharge fee of \$130. (A copy of the Form PCT/DO/EO/923 is enclosed) | | | | | |
| The following fees are submitted: | | | | CALCULATIONS | PTO USE ONLY |
| 21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a)) | | | | \$300 | \$0.00 |
| 22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) | | | | | |
| If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) | | | | | |
| All other situations. | | | | \$0.00 | |
| 23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) | | | | | |
| If the written opinion of the ISA/US or the International preliminary examination report prepared | | | | | |
| Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority | | | | | |
| International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB. | | | | \$400.00 | |
| All other situations. | | | | \$400.00 | |
| TOTAL OF 21, 22 and 23 = | | | | \$400.00 | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing an electronic medium) (37 CFR 1.492(j)). | | | | | |
| The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | |
| - 100 = | 0 | /50 = | 0 | x \$250.00 | \$0.00 |
| Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)). | | | | \$130.00 | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total claims | - 20 = | 0 | x \$50.00 | \$0.00 | |
| Independent | - 3 = | 0 | x \$200.00 | \$0.00 | |
| Multiple Dependent Claims (if applicable) <input type="checkbox"/> | | | | + \$360.00 | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$530.00 | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. | | | | \$0.00 | |
| SUBTOTAL = | | | | \$530.00 | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). | | | | + | \$ |
| TOTAL NATIONAL FEE = | | | | \$530.00 | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per | | | | + | \$ |
| TOTAL FEES ENCLOSED = | | | | \$530.00 | |
| | | | | Amount to be refunded: | \$ |
| | | | | Amount to be charged: | \$ |

09/23/2005 ATRAC Ref: 02/01/2006 PKIDWELL 0015585980
 01 FC:1642 400.00 CP
 02 FC:1617 130.00 CP

02 FC:1617

-130.00 CP

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a. ☒ A check in the amount of \$530.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account _____ in the amount of _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-0610. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Ian C. McLeod
McLeod & Moyne, P.C.
2190 Commons Parkway
Okemos, Michigan 48864
(517) 347-4100
Fax: (517) 347-4103


SIGNATURE

Ian C. McLeod
NAME

20,931
REGISTRATION NUMBER



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

| | | |
|-----------------------------|------------------------------|------------------|
| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
| 10/526,800 | Anatoly Leontievich Vikharev | IOAP 4.1-1 |

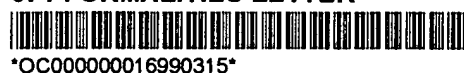
| |
|-------------------------------|
| INTERNATIONAL APPLICATION NO. |
|-------------------------------|

PCT/RU03/00410

21036
 MCLEOD & MOYNE, P.C.
 2190 COMMONS PARKWAY
 OKEMOS, MI 48864

| | |
|-----------------|---------------|
| LA. FILING DATE | PRIORITY DATE |
| 09/18/2003 | 09/30/2002 |

CONFIRMATION NO. 7409
 371 FORMALITIES LETTER



OC000000016990315

Date Mailed: 09/13/2005

Notification of Insufficient Fees (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 03/07/2005
- Copy of the International Search Report filed on 03/07/2005
- Preliminary Amendments filed on 03/07/2005
- Information Disclosure Statements filed on 03/07/2005
- Oath or Declaration filed on 03/07/2005
- Request for Immediate Examination filed on 03/07/2005
- U.S. Basic National Fees filed on 03/07/2005
- Assignment filed on 03/07/2005
- Priority Documents filed on 03/07/2005
- Power of Attorney filed on 03/07/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$400** for a Large Entity:

- The application search fee has not been paid. Applicant must submit **\$400** to complete the search fee. Note a surcharge will be required if submitted later than commencement of the national stage (37 CFR 1.492(h)) and the basic national fee was not paid before July 1, 2005.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions

Revised
 Nov 13, 2005
 Mar 13, 2006

of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

PAULETTE R KIDWELL

Telephone: (703) 308-9140 EXT 216

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/526,800 | PCT/RU03/00410 | IOAP 4.1-1 |

FORM PCT/DO/EO/923 (371 Formalities Notice)